RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/575,704A_

Source: _____

Date Processed by STIC: _2/22/07_

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RAW SEQUENCE LISTING   DATE: 02/22/2007
PATENT APPLICATION: **US/10/575,704A** TIME: 13:46:45

  Input Set : **E:\22337-Sequence Listing.txt**
  Output Set: **N:\CRF4\02222007\J575704A.raw**

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 3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing AML Subtypes with Different Gene
 6       Dosages
 8 <130> FILE REFERENCE: 22337-US
10 <140> CURRENT APPLICATION NUMBER: US 10/575,704 A
11 <141> CURRENT FILING DATE: 2006-04-13
13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012469
14 <151> PRIOR FILING DATE: 2003-11-04
16 <160> NUMBER OF SEQ ID NOS: 239
18 <170> SOFTWARE: PatentIn version 3.4
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 491
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <221> NAME/KEY: misc_feature
28 <223> OTHER INFORMATION: n = any nucleotide
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35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga     180
37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt     240
39 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgtttttcct     300
41 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg     360
43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag     420
45 ggctacaacc agtggcagca gggtcaattc tggggtcaga agccatggag tcagcattat     480
47 caccaaggat a                                                         491
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58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagactttc     120
60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca     180
62 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg     240
64 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt     300
66 gtcttca                                                             307
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70 <211> LENGTH: 519
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 3
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RAW SEQUENCE LISTING   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,704A   TIME: 13:46:45

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75 gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agttcctgt aatttaattg    60
77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca   120
79 tgtgactgtt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa   180
81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact   240
83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat   300
85 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct   360
87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt   420
89 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca catttgtta   480
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104 cctcagtact ttgcagaaaa                                                140
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115 cctttttatc tgatctgtga ttaaagcagt aatattttaa gatggactgg gaaaaacatc   120
117 aactcctgaa gttagaaata gaatggtttt gtaaaatcca cagctatatc ctgatgctgg   180
119 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga   240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc   300
123 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca   360
125 gtgagtcaca tcctgggatc cagtgtataa atccaatatc atgtcttgtg cataattctt   420
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131 <211> LENGTH: 454
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133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 6
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138 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg   120
140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat   180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc   240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac   300
146 gctagatggt ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg   360
148 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga   420
150 actgaagcaa gaagttatca gtaccagcag caag                                454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 7
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161 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga    120
163 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtccccca    180
165 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctcccct    240
167 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggtc    300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac    360
171 gtgaccactg gcc                                                       373
174 <210> SEQ ID NO: 8
175 <211> LENGTH: 494
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 8
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182 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa    120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg    180
186 taatacgcaa agccggaccc gggcgctgcc gagacccctc gggggctgca cacccagcag    240
188 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag    300
190 gaacctctct gaagtgacac ctcaccccta cacaccgtcc gttcacccc gtctcttcct    360
192 tctgctttc ggttttgga aaacccggat cctactctag gcagcccacc ttggtgggct    420
194 tgtttcctga aaccatgatg tacttttca tacatgagtc tgtccagagt gcttgctacc    480
196 gtgttcggag tctc                                                      494
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207 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttcctatc    120
209 catttgacac cgttcgccgc cgcatgatga tgcagtcagg gcgcaaagga actgacatca    180
211 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt    240
213 ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tggtgctttt gtgcttgtct    300
215 tgtatgatga aatcaagaag tacacataag ttatttccta ggattttcc ccctgtgaac    360
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219 ttctcagtgg caac                                                      434
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232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa    180
234 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat    240
236 aaggttttta gcatgttcct ccttttcttc accctcccct ttgttcttct attaatcaag    300
238 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca    360
240 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg        416
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244 <211> LENGTH: 415
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens
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253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa     180
255 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct     240
257 ggaagtgctg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc     300
259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc     360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc          415
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265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
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270 aataatttat tcccacatct acatcagtga aagctatcta cctatcctga gtctatctta      60
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274 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat     180
276 acgctttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta      240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt     300
280 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg     360
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288 <211> LENGTH: 358
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
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297 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct     180
299 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg     240
301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac     300
303 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt      358
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316 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc     180
318 agaaacttaa ctcttttgtt gcagatagtc atcagtggct ctgtaaaaac gcagaggaaa     240
320 agagccagaa ggtttctgtt taatgcatct tgccttatct ttttttatta ctgtgtacaa     300
322 agattttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat     360
324 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt ttttatttt      420
326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag     480
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341 tatccgggtg cggctccacc ccttccacgt catccgcatc aacaagatgt tgtcctgtgc     180
343 tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt     240
345 gaccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga     300
347 gcatgtgatt gaggccctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca     360
349 catctcaaag aagtgggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc     420
351 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct     480
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366 cggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac     180
368 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag     240
370 atgtacggct cctctttga cttggactat gactttcaac gggactatta tgataggatg     300
372 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgccctcg     360
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379 <212> TYPE: DNA
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387 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt     180
389 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt     240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc     300
393 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca     360
395 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca     420
397 agcctgaggc tggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct     480
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403 <211> LENGTH: 534
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405 <213> ORGANISM: Homo sapiens
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410 tccaggcagc caagaacttg atgaatgctg tggtgcagac agtgaaggca tcctacgtcg     120
412 cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat     180
414 ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac     240
416 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg     300
418 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgcccca cccctcgggg     360
420 ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac     420
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/22/2007
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY　　　　　　　　DATE: 02/22/2007
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
L:4511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420
L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:5130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180
L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360
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